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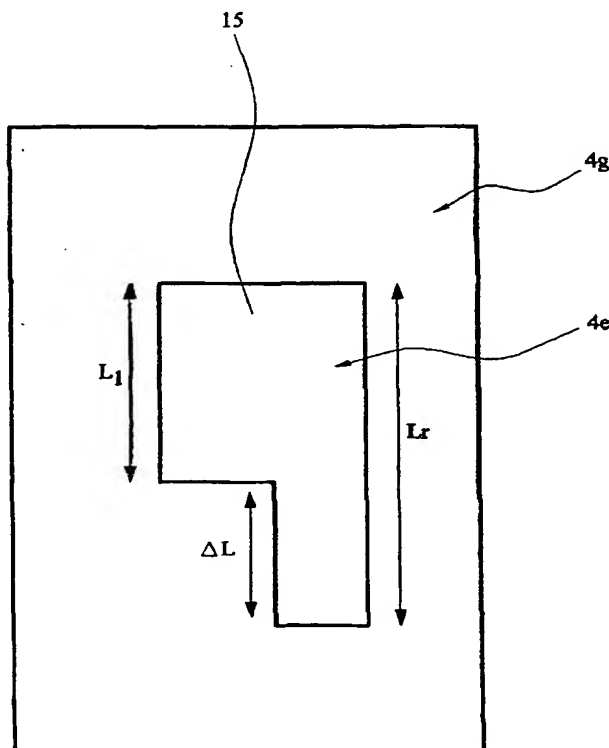
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(54) Title: OPTICAL INTERFEROMETER



(57) Abstract: The present invention relates to an integrated optical waveguide interferometer including a sensing waveguide with a path of interaction (with the localised environment) having different optical lengths, and to a method for determining the absolute status thereof after the introduction into the localised environment of (or changes in) a stimulus of interest and to a method for determining the absolute calibration status thereof before the introduction into the localised environment of (or changes in) a stimulus of interest.